

**What we claim is:**

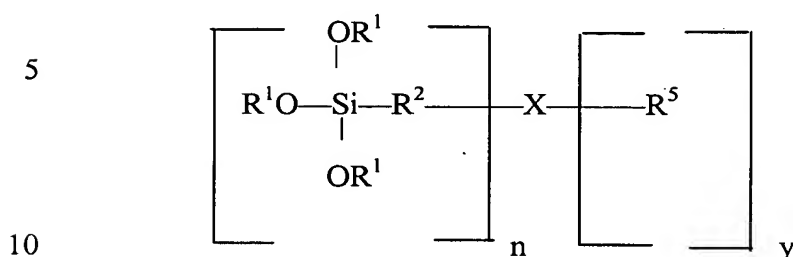
Claims 1-67 (Cancelled).

Claim 68 (Previously presented): A silane composition comprising:

at least one substantially unhydrolyzed aminosilane which has one or more secondary or tertiary amino groups; and

at least one other substantially unhydrolyzed silane.

Claim 69 (Previously presented): The silane composition of claim 68, wherein said aminosilane comprises:



wherein:

n is either 1 or 2;

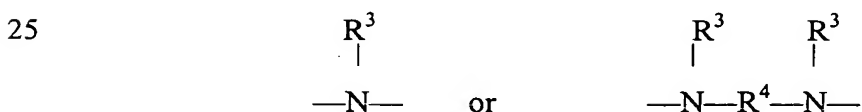
y = (2-n);

each R<sup>1</sup> is individually chosen from the group consisting of: C<sub>1</sub> - C<sub>24</sub> alkyl and C<sub>2</sub> - C<sub>24</sub> acyl;

each R<sup>2</sup> is individually chosen from the group consisting of: substituted aliphatic groups, unsubstituted aliphatic groups, substituted aromatic groups, and unsubstituted aromatic groups;

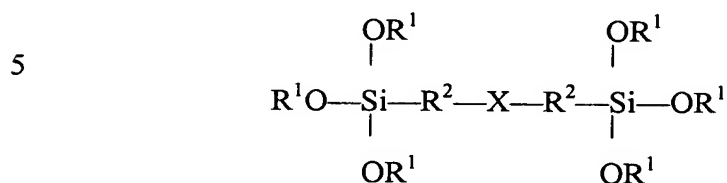
R<sup>5</sup> is chosen from the group consisting of: hydrogen, C<sub>1</sub> - C<sub>10</sub> alkylene, C<sub>1</sub> - C<sub>10</sub> alkylene substituted with one or more amino groups, C<sub>1</sub> - C<sub>10</sub> alkenylene, C<sub>1</sub> - C<sub>10</sub> alkenylene substituted with one or more amino groups, arylene, and alkylarylene;

X is either:

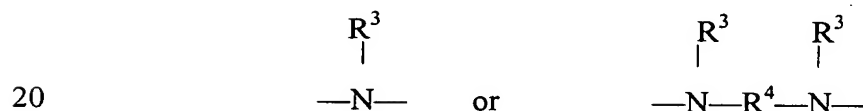


- 30 wherein each  $R^3$  is individually chosen from the group consisting of:  
hydrogen, substituted and unsubstituted aliphatic groups, and substituted and  
unsubstituted aromatic groups; and  
 $R^4$  is chosen from the group consisting of: substituted and unsubstituted  
aliphatic groups, and substituted and unsubstituted aromatic groups; and  
35 wherein, when  $n=1$ , at least one of said  $R^3$  and said  $R^5$  is not hydrogen.

Claim 70 (Previously presented): The silane composition of claim 68, wherein said  
aminosilane comprises:



- 10 wherein:  
each  $R^1$  is individually chosen from the group consisting of:  $C_1 - C_{24}$  alkyl and  
 $C_2 - C_{24}$  acyl;  
each  $R^2$  is individually chosen from the group consisting of: substituted  
aliphatic groups, unsubstituted aliphatic groups, substituted aromatic groups, and  
15 unsubstituted aromatic groups; and  
X is either:



- wherein each  $R^3$  is individually chosen from the group consisting of:  
hydrogen, substituted and unsubstituted aliphatic groups, and substituted and  
25 unsubstituted aromatic groups; and

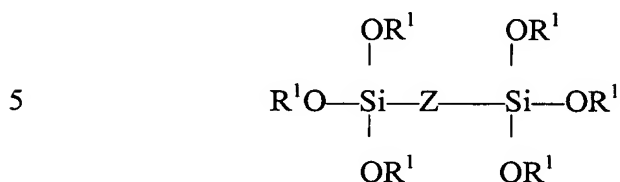
$R^4$  is chosen from the group consisting of: substituted and unsubstituted aliphatic groups, and substituted and unsubstituted aromatic groups.

Claim 71 (Previously presented): The silane composition of claim 68, wherein said aminosilane is chosen from the group consisting of: *bis*-(trimethoxysilylpropyl)amine, *bis*-(triethoxysilylpropyl)amine, and *bis*-(triethoxysilylpropyl)ethylene diamine.

Claim 72 (Previously presented): The silane composition of claim 68, wherein said other substantially unhydrolyzed silane comprises an organofunctional silane.

Claim 73 (Previously presented): The silane composition of claim 70, wherein said other substantially unhydrolyzed silane comprises a bis-silyl polysulfur silane.

Claim 74 (Previously presented): The silane composition of claim 73, wherein said bis-silyl polysulfur silane comprises:



wherein each  $R^1$  is an alkyl or an acetyl group, and Z is  $-\text{Q}-\text{S}_x-\text{Q}-$ ,  
 wherein each Q is an aliphatic or aromatic group, and x is an integer of from 2 to 10.

Claim 75 (Previously presented): The silane composition of claim 73, wherein said at least one bis-silyl polysulfur silane comprises a bis-(triethoxysilylpropyl) sulfide having 2 to 10 sulfur atoms.

Claim 76 (Previously presented): The silane composition of claim 73, wherein the ratio of bis-silyl aminosilanes to bis-silyl polysulfur silanes in said silane composition is between about 1:10 and about 10:1.

Claim 77 (Previously presented): The silane composition of claim 73, wherein said silane composition further comprises a non-aqueous solvent.

Claim 78 (Previously presented): The silane composition of claim 73, wherein said silane composition consists essentially of said at least one substantially unhydrolyzed bis-silyl aminosilane and said at least one substantially unhydrolyzed bis-silyl polysulfur silane.